

| Ref # | Hits | Search Query   | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---------------------------------|------------------|---------|------------------|
| S4    | 564  | (398/79).CCLS.   | USPAT                           | OR               | OFF     | 2005/07/23 18:55 |
| S7    | 217  | (398/152).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/21 17:54 |
| S12   | 156  | (398/204).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/21 18:02 |
| S13   | 19   | (orthogonal with polarization)<br>same multiplex\$3 same local                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:03 |
| S14   | 24   | (orthogonal with polarization)<br>same multiplex\$3 same (local or<br>oscillator)    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:07 |
| S15   | 19   | (polarization) same multiplex\$3<br>same (homodyne or heterodyne)<br>same orthogonal | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:10 |
| S16   | 545  | (orthogonal with polarization)<br>same multiplex\$3                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:10 |
| S17   | 40   | S16 and calibration\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:13 |
| S18   | 252  | S16 and demultiplex\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:13 |
| S19   | 10   | S18 and homodyne   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:14 |
| S20   | 12   | S18 and heterodyne   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/07/21 18:14 |
| S21   | 114  | (398/65).CCLS.   | USPAT                           | OR               | OFF     | 2005/07/22 09:49 |
| S22   | 38   | (398/74).CCLS.   | USPAT                           | OR               | OFF     | 2005/07/22 10:03 |
| S23   | 84   | (398/76).CCLS.   | USPAT                           | OR               | OFF     | 2005/07/22 10:06 |
| S24   | 200  | (398/91).CCLS.   | USPAT                           | OR               | OFF     | 2005/07/22 10:12 |
| S25   | 123  | (398/140).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 10:18 |
| S26   | 61   | (398/163).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 10:21 |
| S27   | 99   | (398/184).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 11:37 |
| S28   | 40   | (398/203).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 11:39 |
| S29   | 99   | (398/185).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 11:43 |
| S30   | 105  | (fdm or (frequency adj<br>multiplex\$3)) same polarization                           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2005/07/22 11:44 |
| S31   | 156  | (398/204).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 15:18 |
| S32   | 96   | (398/205).CCLS.  | USPAT                           | OR               | OFF     | 2005/07/22 15:18 |
| S33   | 61   | S31 and (quadrature or<br>orthogonal)  | USPAT                           | OR               | OFF     | 2005/07/22 15:24 |

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|-----|------|--|---------------------------------|----|-----|------------------|
| S34 | 74   | S32 and (quadrature or orthogonal)   | USPAT                           | OR | OFF | 2005/07/22 15:26 |
| S35 | 70   | (wavelength near5 spacing near5 control\$3)  | USPAT                           | OR | OFF | 2005/07/22 15:33 |
| S36 | 3    | S35 and (modulator near3 control\$3)   | USPAT                           | OR | ON  | 2005/07/22 15:28 |
| S37 | 10   | ((wavelength near5 spac\$3) with control\$3) same polarization\$1  | USPAT                           | OR | OFF | 2005/07/22 15:34 |
| S38 | 72   | (optical adj switch\$3) same split\$4 same detect\$3 same delay\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 15:49 |
| S39 | 3348 | (adjust\$3 or control\$3) same (state near1 polarization\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 15:59 |
| S40 | 133  | (adjust\$3 or control\$3) same (state near1 polarization\$1) same (mode adj dispersion\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 16:00 |
| S41 | 76   | (adjust\$3 or control\$3) near3 (state near1 polarization\$1) same (mode adj dispersion\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 16:01 |
| S42 | 18   | (adjust\$3 or control\$3) near3 (state near1 polarization\$1) same (rotation near3 angle)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 16:06 |
| S43 | 8    | (adjust\$3 or control\$3) near3 ((state near1 polarization\$1) or sop) with (rotation near3 angle)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/22 16:07 |
| S44 | 9    | (adjust\$3 or control\$3) near3 ((state near1 polarization\$1) or sop) with (rotation near3 angle)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/07/22 16:08 |
| S45 | 4    | (adjust\$3 or control\$3) near3 ((state near1 polarization\$1) or sop) with ((calculat\$3 or determin\$3 or measure\$3) with rotation\$3 with angle) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/07/22 16:10 |
| S46 | 9    | (adjust\$3 or control\$3) with ((state near1 polarization\$1) or sop) with ((calculat\$3 or determin\$3 or measure\$3) with rotation\$3 with angle)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/07/22 16:13 |
| S47 | 0    | (comb adj benerator\$1) same polarization\$1   | USPAT                           | OR | ON  | 2005/07/23 12:47 |
| S48 | 0    | (comb adj benerator\$1) same wdm   | USPAT                           | OR | ON  | 2005/07/23 12:47 |
| S49 | 2    | (comb adj generator\$1) same wdm   | USPAT                           | OR | ON  | 2005/07/23 12:47 |
| S50 | 18   | (comb adj generator\$1) same multiplex\$3  | USPAT                           | OR | ON  | 2005/07/23 12:51 |

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|-----|------|---|-------|----|-----|------------------|
| S51 | 102  | (comb adj generator\$1) same (control\$5 or adjust\$5)  | USPAT | OR | ON  | 2005/07/23 12:52 |
| S52 | 18   | (comb adj generator\$1) near5 (control\$5 or adjust\$5)   | USPAT | OR | ON  | 2005/07/23 12:55 |
| S53 | 1284 | (pulse adj \$3shap\$3) with modulat\$3  | USPAT | OR | ON  | 2005/07/23 12:56 |
| S54 | 0    | (pulse adj \$3shap\$3) with (polariz\$5 near3 modulat\$3)   | USPAT | OR | ON  | 2005/07/23 12:56 |
| S55 | 7    | (pulse adj \$3shap\$3) same (polariz\$5 near3 modulat\$3)   | USPAT | OR | ON  | 2005/07/23 12:57 |
| S56 | 198  | (((\$3shap\$3) near3 (beam\$1 or pulse or optical or light)) same (modulat\$3) same multiplex\$3              | USPAT | OR | ON  | 2005/07/23 13:00 |
| S57 | 29   | (((\$3shap\$3) near3 (beam\$1 or pulse or optical or light)) same (modulat\$3) same wdm                       | USPAT | OR | ON  | 2005/07/23 13:04 |
| S58 | 0    | (((\$3shap\$3) near3 (beam\$1 or pulse or optical or light)) same ((prior or before) adj modulat\$3) same wdm | USPAT | OR | ON  | 2005/07/23 13:05 |
| S59 | 23   | (((\$3shap\$3) near3 (beam\$1 or pulse or optical or light)) same ((prior or before) adj modulat\$3)          | USPAT | OR | ON  | 2005/07/23 13:08 |
| S60 | 69   | (((\$3shap\$3) near3 (beam\$1 or pulse or optical or light)) same ((prior or before) adj3 modulat\$3)         | USPAT | OR | ON  | 2005/07/23 13:08 |
| S61 | 2    | (heterodyne) near5 symbol   | USPAT | OR | OFF | 2005/07/23 15:09 |
| S62 | 194  | (heterodyne) with integrat\$3   | USPAT | OR | OFF | 2005/07/23 15:11 |
| S63 | 7    | S62 and wdm   | USPAT | OR | OFF | 2005/07/23 15:10 |
| S64 | 305  | (heterodyne) with (add\$3 or sum\$4)  | USPAT | OR | OFF | 2005/07/23 15:11 |
| S65 | 8    | S64 and wdm   | USPAT | OR | OFF | 2005/07/23 15:13 |
| S66 | 73   | S64 and multiplex\$3  | USPAT | OR | OFF | 2005/07/23 15:13 |
| S67 | 49   | S66 and (optical or light)  | USPAT | OR | OFF | 2005/07/23 15:13 |
| S68 | 127  | (polarization\$1) with (stoke\$1parameter\$1 or (stoke\$ adj1 parameter\$1))                                  | USPAT | OR | OFF | 2005/07/23 17:57 |
| S69 | 2    | (polarization\$1) with (stoke\$1parameter\$1 or (stoke\$ adj1 parameter\$1)) same error                       | USPAT | OR | OFF | 2005/07/23 17:59 |
| S70 | 8    | (split\$4 near5 polarization\$1) with (stoke\$1parameter\$1 or (stoke\$ adj1 parameter\$1))                   | USPAT | OR | OFF | 2005/07/23 17:59 |